

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S32	100	((382/305.ccls. or 707/1,2,3,4,5,6, 7,8,9,10,100,101,102,103R,103Y, 103X,103Z,104.1.ccls.) and (video or "image sequence" or image-sequence or audiovideo or movie or (moving near2 pictures))) and ((content-based or "content based" or (content near based)) near query) or (QBIC or Query-By-Image-Content)	USPAT	OR	ON	2005/11/07 16:39
S81	5202	382/305.ccls. or 707/104.1.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/07 16:40
S83	1	S81 and S82	USPAT	OR	OFF	2005/11/07 16:41
S82	71	MPEG and ("intra image" or intra-image or intrainage)	USPAT	OR	OFF	2005/11/07 16:42
S86	1	S85 and S81	USPAT	OR	OFF	2005/11/07 16:43
S84	71	(MPEG (mov\$4 near1 pictur\$2 near1 expert\$1 near1 group\$4)) and ("intra image" or intra-image or intrainage)	USPAT	OR	OFF	2005/11/07 16:43
S87	1	"5761438".pn.	USPAT	OR	OFF	2005/11/07 16:57
S85	206	("intra image" or intra-image or intrainage)	USPAT	OR	OFF	2005/11/07 16:57
S89	73	(MPEG (mov\$4 near1 pictur\$2 near1 expert\$1 near1 group\$4)) and ("intra image" or intra-image or intrainage)	USPAT	OR	OFF	2005/11/08 11:28
S91	1	1999-143187.NRAN.	DERWENT	OR	ON	2005/11/08 11:29
S90	4	"9905611".pn.	EPO; DERWENT	OR	OFF	2005/11/08 11:29
S92	695	715/719-726.ccls.	USPAT	OR	OFF	2005/11/08 15:07
S1	211	382/305.ccls. and (video or sequence)	USPAT	OR	OFF	2005/11/08 15:07
S93	5349	("intra image" or intra-image or intrainage or (key near1 frame) or (I near1 frame))	USPAT	OR	OFF	2005/11/08 15:08
S88	208	("intra image" or intra-image or intrainage)	USPAT	OR	OFF	2005/11/08 15:08
S96	851	S95 and (search\$4 query)	USPAT	OR	OFF	2005/11/08 15:18
S99	50	S97 and (S98 S92)	USPAT	OR	OFF	2005/11/08 15:23
S98	25457	"382"/\$.ccls.	USPAT	OR	OFF	2005/11/08 15:23
S97	158	S95 and (query)	USPAT	OR	OFF	2005/11/08 15:23
S101	77	S100 and MPEG	USPAT	OR	OFF	2005/11/08 15:39

S95	1642	S94 and MPEG	USPAT	OR	OFF	2005/11/08 15:39
S94	3624	("intra image" or intra-image or intrainage or (key adj1 frame) or (I adj1 frame))	USPAT	OR	OFF	2005/11/08 15:39
S10 2	6	("intra image" or intra-image or intrainage or (key adj1 frame) or (I adj1 frame)) with ((search\$4 query) near10 (content feature))	USPAT	OR	OFF	2005/11/08 15:56
S10 0	92	("intra image" or intra-image or intrainage or (key adj1 frame) or (I adj1 frame)) with (search\$4 query)	USPAT	OR	OFF	2005/11/08 15:56
S10 3	8	("5428774" "5758356" "5852823" "5870754" "5892520" "5911139" "5918223" "6119123").PN. 382/100.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/08 16:10
S10 4	1	"6960975".pn. 382/100.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/09 16:09
S10 6	161	("intra image" or intra-image or intrainage or (key adj1 frame) or (I adj1 frame)) and ((search\$4 query) near5 (featur\$4 content\$2))	US-PGPUB; USPAT	OR	ON	2005/11/14 13:25
S10 7	8	("intra image" or intra-image or intrainage or (key adj1 frame) or (I adj1 frame)) and ((search\$4 query) near5 (featur\$4 content\$2) near5 (head\$4 prefix\$4))	USPAT	OR	OFF	2005/11/16 14:23
S10 9	3	("intra image" or intra-image or intrainage or (key adj1 frame) or (I adj1 frame)) and ((search\$4 query) near10 (motion) near10 (head\$4 prefix\$4))	USPAT	OR	OFF	2005/11/17 12:28
S10 8	8	("intra image" or intra-image or intrainage or (key adj1 frame) or (I adj1 frame)) and ((search\$4 query) near10 (featur\$4 content\$2) near10 (head\$4 prefix\$4))	USPAT	OR	OFF	2005/11/17 12:29
S11 1	5	"5600775".pn. "5794249".pn. "6009236".pn. "6134382".pn. "6549717".pn. "2001043792".pn. "2002085831".pn. "2002090207".pn.	US-PGPUB; USPAT	OR	OFF	2005/11/17 14:11

S11 0	5	"5600775".pn. "5794249".pn. "6009236".pn. "6134382".pn. "6549717".pn. "2001043792".pn. "2002085831".pn. "2002090207". pn.	USPAT	OR	OFF	2005/11/17 14:11
S11 2	8	"5600775".pn. "5794249".pn. "6009236".pn. "6134382".pn. "6549717".pn. "2001043792".pn. "2002085831".pn. "2002090207".pn.	US-PGPUB; USPAT	OR	OFF	2005/11/17 16:01
S11 3	1	"6687318".pn.	US-PGPUB; USPAT	OR	OFF	2005/11/17 16:02
S11 4	1	"6452970".pn.	US-PGPUB; USPAT	OR	OFF	2005/11/17 16:11
S11 5	1	"6208768".pn.	US-PGPUB; USPAT	OR	OFF	2005/11/17 16:12
S11 6	1	"6035073".pn.	US-PGPUB; USPAT	OR	OFF	2005/11/17 16:13
S11 7	1	"6115503".pn.	US-PGPUB; USPAT	OR	OFF	2005/11/17 16:14
S11 9	1	"6553139".pn.	US-PGPUB; USPAT	OR	OFF	2005/11/17 16:15
S11 8	1	"6272254".pn.	US-PGPUB; USPAT	OR	OFF	2005/11/17 16:15
S12 1	1	"6408025".pn.	US-PGPUB; USPAT	OR	OFF	2005/11/17 16:16
S12 0	1	"6636637".pn.	US-PGPUB; USPAT	OR	OFF	2005/11/17 16:16
S12 2	28	(US-5347312-\$ or US-5481296-\$ or US-5579471-\$ or US-5644765-\$ or US-5708767-\$ or US-5708805-\$ or US-5724579-\$ or US-5751286-\$ or US-5768447-\$ or US-5794249-\$ or US-5796434-\$ or US-5819286-\$ or US-5821945-\$ or US-5893095-\$ or US-5917958-\$ or US-5987459-\$ or US-6026389-\$ or US-6061758-\$ or US-6115717-\$ or US-6138147-\$ or US-6173287-\$ or US-6192151-\$ or US-6247031-\$ or US-6332144-\$ or US-6609134-\$ or US-6611628-\$).did. or (US-6792163-\$ or US-6850249-\$). did.	USPAT	OR	ON	2005/11/18 16:20
S12 5	10	S123 and S124	US-PGPUB; USPAT	OR	ON	2005/11/18 16:25
S12 3	21	S122 and index\$4	US-PGPUB; USPAT	OR	ON	2005/11/18 16:25

S10 5	93	("intra image" or intra-image or intraimage or (key adj1 frame) or (I adj1 frame)) with (search\$4 query)	USPAT	OR	OFF	2005/11/18 16:25
		S126 and ((search\$4 query\$4) near5 (content\$ feature\$4) near5 (prefix\$4 index\$4))	USPAT	OR	OFF	2005/11/18 16:34
S12 8	56	S126 and ((search\$4 query\$4) same (content\$ feature\$4) same (prefix\$4 index\$4))	USPAT	OR	OFF	2005/11/18 17:07
S12 9	1	"6195458".pn.	USPAT	OR	OFF	2005/11/19 10:19
S12 4	3631	("intra image" or intra-image or intraimage or (key adj1 frame) or (I adj1 frame))	USPAT	OR	OFF	2005/11/19 10:19
S13 0	10	("5245436" "5283645" "5519789" "5767922" "5778108" "5835163" "5864366" "5956026" "5959697" "6005625").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/19 10:20
S12 6	1645	("intra image" or intra-image or intraimage or (key adj1 frame) or (I adj1 frame)) and (MPEG)	USPAT	OR	OFF	2005/11/19 10:26
S13 1	141	("intra image" or intra-image or intraimage or (key adj1 frame) or (I adj1 frame)) and (MPEG) and ((search\$4 query\$4) near10 (content feature))	USPAT	OR	OFF	2005/11/19 10:27
S12 7	16	S126 and ((search\$4 query\$4) near5 (content\$ feature\$4) near5 (prefix\$4 index\$4))	USPAT	OR	OFF	2005/11/19 10:28
S13 2	84	MPEG and ((search\$4 query\$4) near5 (content\$ feature\$4) near5 (prefix\$4 index\$4))	USPAT	OR	OFF	2005/11/19 10:29
S13 4	5	MPEG with ((search\$4 query\$4) near5 (content\$ feature\$4) near5 (prefix\$4 index\$4))	USPAT	OR	OFF	2005/11/19 10:30
S13 3	11	MPEG same ((search\$4 query\$4) near5 (content\$ feature\$4) near5 (prefix\$4 index\$4))	USPAT	OR	OFF	2005/11/19 10:30
S13 5	84	MPEG and ((search\$4 query\$4) near5 (content\$ feature\$4) near5 (prefix\$4 index\$4))	USPAT	OR	OFF	2005/11/19 11:11
S13 6	0	"0636994".pn.	EPO; DERWENT	OR	OFF	2005/11/19 11:12
S13 7	0	"EP0636994".pn.	EPO; DERWENT	OR	OFF	2005/11/19 11:14
S14 0	0	EP.frco.	EPO; DERWENT	OR	OFF	2005/11/19 11:15

S13 9	0	"0636994" and EP.frco.	EPO; DERWENT	OR	OFF	2005/11/19 11:15
S13 8	0	"0636994".frpn.	EPO; DERWENT	OR	OFF	2005/11/19 11:15
S14 1	0	EP0636994	US-PGPUB; USPAT	OR	OFF	2005/11/19 11:49
S14 3	1	"5635982".pn.	US-PGPUB; USPAT	OR	OFF	2005/11/19 12:19
S14 2	1	"5963203".pn.	US-PGPUB; USPAT	OR	OFF	2005/11/19 12:19
S14 4	41	("5635982").URPN.	USPAT	OR	ON	2005/11/19 12:22
S14 5	6	("5635982" "5708767" "5719643" "5767893" "5767923" "5963670").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 10:18
S14 6	1	"6549657".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 10:20
S14 7	1	"5748775".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 10:22
S14 8	1	"5835163".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:10
		S149 and (MPEG	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:11
S15 3	44	(content near5 (image video) near5 index\$4).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:14
S15 1	771	(content near5 (image video) near5 index\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:14
S15 0	92	S149 and (MPEG)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:14
S14 9	434	(content near5 image near5 index\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:14
S15 2	269	S151 and (MPEG)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:15
S15 4	14	S153 and (MPEG)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:20
S15 6	255	(text near5 annotat\$4) and (MPEG)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:49

S15 8	2	((text near5 annotat\$4) same (search\$4 query\$4 retriev\$4)) same (MPEG)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:50
		((text near5 annotat\$4) same (search\$4 query\$4 retriev\$4) and (MPEG))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:50
S16 0	2	((text\$3 word) near5 annotat\$4) same (search\$4 query\$4 retriev\$4)) same (MPEG)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:51
S15 9	82	((text\$3 word) near5 annotat\$4) same (search\$4 query\$4 retriev\$4)) and (MPEG)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:51
S15 7	52	((text near5 annotat\$4) same (search\$4 query\$4 retriev\$4)) and (MPEG)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:51
S15 5	36	QBIC and (MPEG)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:35
S16 1	0	(prefix\$4 near10 signature) and (video near5 (search\$4 retriev\$4 query\$4 summar\$6))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:37
S16 2	1	(prefix\$4 near10 (annotat\$4 signature)) and (video near5 (search\$4 retriev\$4 query\$4 summar\$6))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:38
		(prefix\$4 near10 (annotat\$4 signature) and (video near5 (search\$4 retriev\$4 query\$4 summar\$6))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:38
		(prefix\$4 near10 (meta\$7)) and (video near5 (search\$4 retriev\$4 query\$4 summar\$6))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:39
S16 5	4	(prefix\$4 near10 (meta-data metadata "meta data")) and ((video image) near5 (search\$4 retriev\$4 query\$4 summar\$6))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:40
S16 3	6	(prefix\$4 near10 (meta\$5)) and (video near5 (search\$4 retriev\$4 query\$4 summar\$6))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:40
		(prefix\$4 near10 (meta\$6)) and ((video image) near5 (search\$4 retriev\$4 query\$4 summar\$6))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:40
S16 4	7	(prefix\$4 near10 (meta\$5)) and ((video image) near5 (search\$4 retriev\$4 query\$4 summar\$6))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:42
S16 6	321	(head\$4 near10 (meta\$5)) and ((video image) near5 (search\$4 retriev\$4 query\$4 summar\$6))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:43

S16 7	10	(head\$4 near5 (meta\$5)) same ((video image) near5 (search\$4 retriev\$4 query\$4 summar\$6))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:45
S16 9	5228	((header heading) near5 meta\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:46
S16 8	231	(head\$4 near5 (meta\$5)) and ((video image) near5 (search\$4 retriev\$4 query\$4 summar\$6))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:47
S17 0	200	(head\$4 near5 (meta-data metadata "meta data")) same (video\$4 imag\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:48
S17 1	63	(head\$4 near5 (meta-data metadata "meta data")) same (video\$4 imag\$4) and MPEG	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:56
S17 3	2	(head\$4 near5 (signature)) same (video\$4 imag\$4) same MPEG	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:57
S17 2	109	(head\$4 near5 (signature)) same (video\$4 imag\$4) and MPEG	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:58
S17 6	9	("5019899" "5347308" "5410343" "5465353" "5504518" "5546578" "5623308" "5659365" "5708767").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 15:12
S17 5	32	("5870754").URPN.	USPAT	OR	ON	2005/11/21 15:12
S17 4	1	"5870754".pn.	US-PGPUB; USPAT	OR	ON	2005/11/21 15:12



Welcome United States Patent and Trademark Office

AbstractPlus

BROWSE

SEARCH

IEEE XPLORE GUIDE

SUPPORT

[View Search Results](#) | [Previous Article](#)
[Email](#) [Print](#) [Download](#)

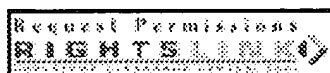
Access this document

 Full Text: [PDF](#) (1036 KB)

Download this citation

Choose [Citation](#)Download [EndNote, ProCite, RefMan](#)[Download](#)» [Learn More](#)

Rights & Permissions

» [Learn More](#)

Content based video indexing and retrieval

[Smoliar, S.W.](#) [HongJiang Zhang](#)
Nat. Univ. of Singapore, Singapore ;

This paper appears in: **Multimedia, IEEE**

Publication Date: Summer 1994

Volume: 1 , Issue: 2

On page(s): 62 - 72

ISSN: 1070-986X

INSPEC Accession Number: 4745878

Digital Object Identifier: 10.1109/93.311653

Posted online: 2002-08-06 19:32:16.0

Abstract

Video management tools and techniques are based on pixels rather than perceived content. Thus, state-of-the-art video editing systems can easily manipulate such things as time codes and image frames, but they cannot "know," for example, what a basketball is. Our research addresses four areas of content-based video management

Index Terms

Inspec

Controlled Indexing

[indexing](#) [information retrieval](#) [visual databases](#)

Non-controlled Indexing

[content based video indexing and retrieval](#) [image frames](#) [pixels](#) [state-of-the-art video editing systems](#) [time codes](#) [video management tools](#)

Author Keywords

Not Available

References

No references available on IEEE Xplore.

Citing Documents

- 1 A real-time matching system for large fingerprint databases, Ratha, N.K.; Karu, K.; Shaoyun Chen; Jain, A.K.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
On page(s): 799-813, Volume: 18, Issue: 8, Aug 1996
[Abstract](#) | Full Text: [PDF](#) (2016)
- 2 Retrieving multispectral satellite images using physics-based invariant representations, Healey, G.; Jain, A.K.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
On page(s): 842-848, Volume: 18, Issue: 8, Aug 1996
[Abstract](#) | Full Text: [PDF](#) (1872)
- 3 Distributed multimedia systems, Li, V.O.K.; Wanjiun Liao
Proceedings of the IEEE
On page(s): 1063-1108, Volume: 85, Issue: 7, Jul 1997
[Abstract](#) | Full Text: [PDF](#) (648)
- 4 Hypermedia data modeling, coding, and semiotics, Gonzalez, R.
Proceedings of the IEEE
On page(s): 1111-1140, Volume: 85, Issue: 7, Jul 1997
[Abstract](#) | Full Text: [PDF](#) (580)
- 5 Video visualization for compact presentation and fast browsing of pictorial content, Yeung, M.M.; Boon-

Lock Yeo

Circuits and Systems for Video Technology, IEEE Transactions on

On page(s): 771-785, Volume: 7, Issue: 5, Oct 1997

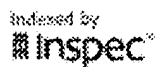
[Abstract](#) | [Full Text: PDF](#) (340)

- 6 Next-generation content representation, creation, and searching for new-media applications in education, Shih-Fu Chang; Eleftheriadis, A.; McClintock, R.
Proceedings of the IEEE
On page(s): 884-904, Volume: 86, Issue: 5, May 1998
[Abstract](#) | [Full Text: PDF](#) (468)
- 7 Video handling with music and speech detection, Minami, K.; Akutsu, A.; Hamada, H.; Tonomura, Y.
Multimedia, IEEE
On page(s): 17-25, Volume: 5, Issue: 3, Jul-Sep 1998
[Abstract](#) | [Full Text: PDF](#) (632)
- 8 A fully automated content-based video search engine supporting spatiotemporal queries, Shih-Fu Chang; Chen, W.; Meng, H.J.; Sundaram, H.; Di Zhong
Circuits and Systems for Video Technology, IEEE Transactions on
On page(s): 602-615, Volume: 8, Issue: 5, Sep 1998
[Abstract](#) | [Full Text: PDF](#) (468)
- 9 Name-It: naming and detecting faces in news videos, Satoh, S.; Nakamura, Y.; Kanade, T.
Multimedia, IEEE
On page(s): 22-35, Volume: 6, Issue: 1, Jan-Mar 1999
[Abstract](#) | [Full Text: PDF](#) (3632)
- 10 Semantic modeling and knowledge representation in multimedia databases, Al-Khatib, W.; Day, Y.F.; Ghafoor, A.; Berra, P.B.
Knowledge and Data Engineering, IEEE Transactions on
On page(s): 64-80, Volume: 11, Issue: 1, Jan/Feb 1999
[Abstract](#) | [Full Text: PDF](#) (1680)
- 11 VideoZoom spatio-temporal video browser, Smith, J.R.
Multimedia, IEEE Transactions on
On page(s): 157-171, Volume: 1, Issue: 2, Jun 1999
[Abstract](#) | [Full Text: PDF](#) (2812)
- 12 Efficient video indexing scheme for content-based retrieval, Hyun Sung Chang; Sanghoon Sull; Sang Uk Lee
Circuits and Systems for Video Technology, IEEE Transactions on
On page(s): 1269-1279, Volume: 9, Issue: 8, Dec 1999
[Abstract](#) | [Full Text: PDF](#) (676)
- 13 Statistical models of video structure for content analysis and characterization, Vasconcelos, N.; Lippman, A.
Image Processing, IEEE Transactions on
On page(s): 3-19, Volume: 9, Issue: 1, Jan 2000
[Abstract](#) | [Full Text: PDF](#) (616)
- 14 Models for motion-based video indexing and retrieval, Dagtas, S.; Al-Khatib, W.; Ghafoor, A.; Kashyap, R.L.
Image Processing, IEEE Transactions on
On page(s): 88-101, Volume: 9, Issue: 1, Jan 2000
[Abstract](#) | [Full Text: PDF](#) (416)
- 15 Content-based query processing for video databases, Kuo, T.C.T.; Chen, A.L.P.
Multimedia, IEEE Transactions on
On page(s): 1-13, Volume: 2, Issue: 1, Mar 2000
[Abstract](#) | [Full Text: PDF](#) (252)
- 16 Efficient summarization of stereoscopic video sequences, Doulamis, N.D.; Doulamis, A.D.; Avrithis, Y.S.; Ntalianis, K.S.; Kollias, S.D.
Circuits and Systems for Video Technology, IEEE Transactions on
On page(s): 501-517, Volume: 10, Issue: 4, Jun 2000
[Abstract](#) | [Full Text: PDF](#) (2800)
- 17 Content-based retrieval of dynamic PET functional images, Weidong Cai; Dagan Feng; Fulton, R.
Information Technology in Biomedicine, IEEE Transactions on
On page(s): 152-158, Volume: 4, Issue: 2, Jun 2000
[Abstract](#) | [Full Text: PDF](#) (352)
- 18 Content-based video parsing and indexing based on audio-visual interaction, Tsekeridou, S.; Pitas, I.
Circuits and Systems for Video Technology, IEEE Transactions on
On page(s): 522-535, Volume: 11, Issue: 4, Apr 2001

[Abstract](#) | Full Text: [PDF](#) (372)

- 19 Audio content analysis for online audiovisual data segmentation and classification, Zhang, T.; Jay Kuo, C. C.
Speech and Audio Processing, IEEE Transactions on
On page(s): 441-457, Volume: 9, Issue: 4, May 2001
[Abstract](#) | Full Text: [PDF](#) (748)
- 20 3D-List: a data structure for efficient video query processing, Chih-Chih Liu; Chen, A.L.P.
Knowledge and Data Engineering, IEEE Transactions on
On page(s): 106-122, Volume: 14, Issue: 1, Jan/Feb 2002
[Abstract](#) | Full Text: [PDF](#) (759)
- 21 Finding and labeling the subject of a captioned depictive natural photograph, Rowe, N.C.
Knowledge and Data Engineering, IEEE Transactions on
On page(s): 202-207, Volume: 14, Issue: 1, Jan/Feb 2002
[Abstract](#) | Full Text: [PDF](#) (507)
- 22 Event based indexing of broadcasted sports video by intermodal collaboration, Babaguchi, N.; Kawai, Y.; Kitahashi, T.
Multimedia, IEEE Transactions on
On page(s): 68-75, Volume: 4, Issue: 1, Mar 2002
[Abstract](#) | Full Text: [PDF](#) (168)
- 23 Accommodating hybrid retrieval in a comprehensive video database management system, Chan, S.S.M.; Qing Li; Yi Wu; Yueting Zhuang
Multimedia, IEEE Transactions on
On page(s): 146- 159, Volume: 4, Issue: 2, Jun 2002
[Abstract](#) | Full Text: [PDF](#) (1791)
- 24 A natural language approach to content-based video indexing and retrieval for interactive e-learning, Dongsong Zhang; Nunamaker, J.F.
Multimedia, IEEE Transactions on
On page(s): 450- 458, Volume: 6, Issue: 3, June 2004
[Abstract](#) | Full Text: [PDF](#) (272)
- 25 Optimal content-based video decomposition for interactive video navigation, Doulamis, A.D.; Doulamis, N.D.
Circuits and Systems for Video Technology, IEEE Transactions on
On page(s): 757- 775, Volume: 14, Issue: 6, June 2004
[Abstract](#) | Full Text: [PDF](#) (1112)
- 26 Integrated semantic-syntactic video modeling for search and browsing, Ekin, A.; Tekalp, A.M.; Mehrotra, I.
Multimedia, IEEE Transactions on
On page(s): 839- 851, Volume: 6, Issue: 6, Dec. 2004
[Abstract](#) | Full Text: [PDF](#) (1544)

[View Search Results](#) | [Previous Article](#) |



[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE.org](#)

© Copyright 2005 IEEE – All Rights Reserved